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=> file caplus
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FILE LAST UPDATED: 6 Feb 2006  (20060206/ED)

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=> d que
L1              STR
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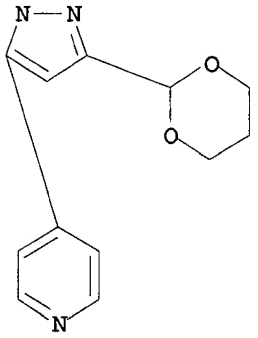

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L4   ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER:         2000:421134  CAPLUS
DOCUMENT NUMBER:          133:58718
TITLE:                    Preparation of heteroaryl-substituted cyclic acetals
                          as TNF inhibitors
INVENTOR(S):              Collis, Alan John; Halley, Frank; McLay, Iain
                          Mcfarlane
PATENT ASSIGNEE(S):       Rhone-Poulenc Rorer Limited, UK
SOURCE:                   PCT Int. Appl., 59 pp.
                          CODEN: PIXXD2
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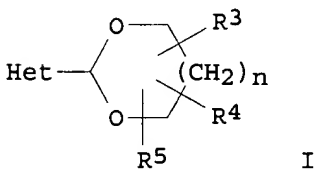
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000035911	A1	20000622	WO 1999-GB4283	19991216
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2355075	AA	20000622	CA 1999-2355075	19991216
EP 1140916	A1	20011010	EP 1999-962334	19991216
EP 1140916	B1	20021113		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002532495	T2	20021002	JP 2000-588171	19991216
AT 227719	E	20021115	AT 1999-962334	19991216
PT 1140916	T	20030331	PT 1999-962334	19991216
ES 2188280	T3	20030616	ES 1999-962334	19991216
AU 768259	B2	20031204	AU 2000-18711	19991216
US 2005090501	A1	20050428	US 2001-871564	20010531

PRIORITY APPLN. INFO.:	GB 1998-27721	A	19981216
	US 1999-122425P	P	19990302
	WO 1999-GB4283	W	19991216

OTHER SOURCE(S): MARPAT 133:58718
GI



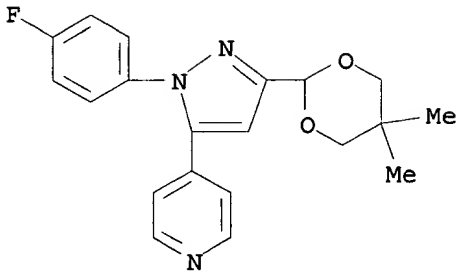
I

AB The title compds. I [Het = five or six membered heteroarom. ring; R3 = L1R6; R4 = H, alkyl, hydroxyalkyl; or R3 and R4, when attached to the same carbon atom, may form a cycloalkyl, cycloalkenyl or heterocycloalkyl ring or a group C:CH2; R5 = H, alkyl; m = 0-2], TNF inhibitors, were prepared E.g., 4-[5-(5,5-dimethyl[1,3]dioxan-2-yl)-2-(4-fluorophenyl)-2H-pyrazol-3-yl]pyridine was prepared

IT **276683-89-7P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of heteroaryl-substituted cyclic acetals as TNF inhibitors)

RN 276683-89-7 CAPLUS

CN Pyridine, 4-[3-(5,5-dimethyl-1,3-dioxan-2-yl)-1-(4-fluorophenyl)-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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FILE 'USPATFULL' ENTERED AT 09:45:22 ON 07 FEB 2006
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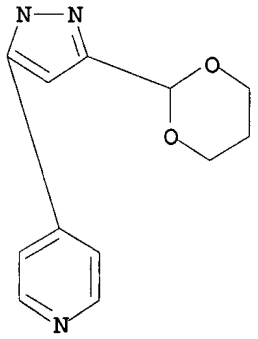
FILE 'USPAT2' ENTERED AT 09:45:22 ON 07 FEB 2006
CA INDEXING COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

=> d que
L1 STR



Structure attributes must be viewed using STN Express query preparation.
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L5 1 SEA L3

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L5 ANSWER 1 OF 1 USPATFULL on STN
ACCESSION NUMBER: 2005:105563 USPATFULL
TITLE: Heteroaryl-cyclic acetals
INVENTOR(S): Collis, Alan, Basking Ridge, NJ, UNITED STATES
Halley, Frank, Sevres, FRANCE
McLay, Iain, Loughton, UNITED KINGDOM

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005090501	A1	20050428
APPLICATION INFO.:	US 2001-871564	A1	20010531 (9)

RELATED APPLN. INFO.: Continuation of Ser. No. WO 1999-GB4283, filed on 16 Dec 1999, UNKNOWN

	NUMBER	DATE

PRIORITY INFORMATION:	GB 1998-27721	19981216
	US 1999-122425P	19990302 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	ROSS J. OEHLER, AVENTIS PHARMACEUTICALS INC., ROUTE 202-206, MAIL CODE: D303A, BRIDGEWATER, NJ, 08807, US	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1823	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

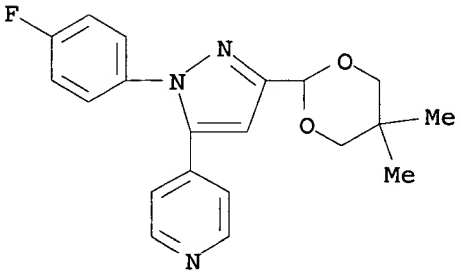
AB Compounds of formula (I) are described in which Het is a five or six membered heteroaromatic ring of the formula ##STR1## in which one of R.sup.1 and R.sup.2 is optionally substituted heteroaryl and the other is optionally substituted heteroaryl or optionally substituted aryl; X.sup.1 is a bond, X.sup.3 and X.sup.4 are each independently N or C and X.sup.2 and X.sup.5 are independently CH, N, NH, O or S; or X.sup.3 and X.sup.4 are C, one of X.sup.1, X.sup.2 and X.sup.5 is N and the others are N or CH; but excluding compounds in which X.sup.1 is a bond, one of X.sup.2 and X.sup.5 is N and the other is NH and X.sup.3 and X.sup.4 are both C; R.sup.3 represents a group -L.sup.1-R.sup.6; R.sup.4 represents hydrogen, alkyl or hydroxyalkyl; or R.sup.3 and R.sup.4, when attached to the same carbon atom, may form with the said carbon atom a cycloalkyl, cycloalkenyl or heterocycloalkyl ring or a group C.dbd.CH.sub.2; R.sup.5 represents hydrogen or alkyl; and m is zero or an integer 1 or 2; and N-oxides thereof, and their prodrugs; and pharmaceutically acceptable salts and solvates of compounds of formula (I) and N-oxides thereof, and their prodrugs. The compounds are TNF inhibitors and are useful as pharmaceuticals. ##STR2##

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT **276683-89-7P**
(preparation of heteroaryl-substituted cyclic acetals as TNF inhibitors)

RN 276683-89-7 USPATFULL

CN Pyridine, 4-[3-(5,5-dimethyl-1,3-dioxan-2-yl)-1-(4-fluorophenyl)-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)



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